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Dated: \_\_\_\_\_

Docket No.: 20241/0203472-US0  
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Nobuhiro Umeda et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

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For: DIAMINE DERIVATIVE, PRODUCTION  
PROCESS THEREFOR AND  
ANTIOXIDANT

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Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language documents is enclosed.

Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Application No.: Not Yet Assigned

2

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A concise explanation of the relevance of documents BA-BQ can be found on pages 1-8 of the specification.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: October 11, 2005

Respectfully submitted,

By

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10/552015

11 OCT 2005

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Nobuhiro Umeda
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	20241/0203472-USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-61-044840-A	03-04-1986	Takeda Chemical Industries, Ltd.		✓
	BB	JP-01-104033-A	04-21-1989	Takeda Chemical Industries, Ltd.		✓
	BC	JP-02-121975-A	05-09-1990	Eisai Co., Ltd.		✓
	BD	EP-0 345 593-A1	12-13-1989	Takeda Chemical Industries, Ltd.		
	BE	EP-0 483 772-A1	05-06-1992	Takeda Chemical Industries, Ltd.		
	BF	WO-95/29163-A1	11-02-1995	Nippon Soda Co., Ltd.		✓
	BG	DE-3407505-A1	09-05-1985	Nattermann A & CIE		✓
	BH	JP-55-069567-A	05-26-1980	Eisai Co., Ltd.		✓
	BI	EP-0 324 377-A2	07-19-1989	E. I. Du Pont De Nemours and Company		
	BJ	EP-0 458 037-A1	11-27-1991	American Cyanamid Company		
	BK	JP-05-140142-A1	06-08-1993	Takeda Chemical Industries, Ltd.		✓
	BL	WO-00/06550-A1	02-10-2000	Nippon Soda Co., Ltd.		✓
	BM	WO-96/28437-A1	09-19-1996	Hoechst Marion Roussel, Inc.		
	BN	JP-06-228136-A	08-16-1994	Takeda Chemical Industries, Ltd.		✓
	BO	JP-02-076869-A	03-16-1990	Takeda Chemical Industries, Ltd.		✓
	BP	JP-06-287139-A	10-11-1994	Takeda Chemical Industries, Ltd.; Senju Pharmaceutical Co., Ltd.		✓
	BQ	WO-00/07581-A2	02-17-2000	Sigma-Tau Healthscience S.P.A.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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4110203		Considered	

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Nobuhiro Umeda
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	20241/0203472-USO
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Patent Abstracts of Japan for JP61-044840 published March 4, 1986.	
	CB	Patent Abstracts of Japan for JP01-104033 published April 21, 1989.	
	CC	Patent Abstracts of Japan for JP02-121975 published May 9, 1990.	
	CD	Patent Abstracts of Japan for JP55-069567 published May 26, 1980.	
	CE	Patent Abstracts of Japan for JP05-140142 published June 8, 1993.	
	CF	Patent Abstracts of Japan for JP06-228136 published August 16, 1994.	
	CG	Patent Abstracts of Japan for JP02-076869 published March 16, 1990.	
	CH	Patent Abstracts of Japan for JP06-287139 published October 11, 1994.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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11/0203		Considered	